

- Disney, R. H. L., Henderson, I. F., Perry, J. N. & Clements, R. O. 1981. Phoridae (Diptera) from English pasture soils. *Pedobiologia* 22: 366-378.
- Dunger, W. 1989. The return of soil fauna to coal mined areas in the German Democratic Republic. In: *Animals in Primary Succession, the role of fauna in reclaimed lands*, ed. J.D. Majer. Cambridge University Press. Chapter 13, pp. 307-337.
- Lichtenstein, J. L. 1920. Le parasitisme d'*Aphiochaeta (Phora) fasciata* Fallen. *Compt. Rend. Hebdom. Acad. Sci. Paris* 170: 531-534.
- Lundbeck, W. 1922. Hypocera Phoridae. In: *Diptera Danica*, Vol. 6, pp. 69-447.
- Martelli, G. 1914. Notizie su due Coccinellidi micofagi. *Boll. Labor. Zool. Gen. Ag. Portici* 9: 151-160.
- Schmitz, H. 1938. On the Irish species of the Dipterous family Phoridae. *Proc. R. Irish Acad.* 44(B9): 173-204.
- Schmitz, H. 1943. Phoridae. In: *Die Fliegen der palaearktischen Region*, ed. E. Lindner. Vol. 4(33) (Lief. 149), pp. 161-192.
- Thomson, A. J. & Davies, D. M. 1973. The biology of *Pollenia rudis*, the cluster fly (Diptera: Calliphoridae) II. Larval feeding behaviour and host specificity. *Can. Ent.* 105: 985-990.
- Weber, G. & Prescher, S. 1990. Studies on the ecology of Phoridae (Diptera). *Pedobiologia* 34: 183-189.

SHORT COMMUNICATION

Diptera in the Epping Forest area.—These are additional records to “A provisional list of the larger Brachycera, Syrphidae and Conopidae of the Epping Forest area” (*Proc. Trans. Br. Ent. Nat. His. Soc.* 1985; 18: 37-48).

Since publication of my paper in 1985 a number of new species have been added to the area list, one of which is also new to the county of Essex. The list below is a selection of records mainly from parts of the Epping Forest area where I had previously not undertaken any recording. One particularly productive site has been the Cornmill Stream at Waltham Abbey (TL 3801, not originally included in the 1985 paper), part of the Lea Valley Regional Park and a site of special scientific interest. This is an area of long established grazed meadows, still with cattle, adjacent to the Cornmill Stream which was cut to provide water to power a mill (now gone) at Waltham Abbey. The stream has a rich, marginal vegetation which cattle are able to graze; the cattle also ‘poach’ the banks of the stream in places which may make it attractive to some flies, particularly stratiomyids and tabanids. The Cornmill Stream is some 2 miles north-west of the main body of Epping Forest *sensu stricto*.

I have recorded three species new to the Epping Forest (*sensu stricto*) list: *Epistrophe diaphana* (also new to Essex), I found a male of this species apparently in its typical habitat—old meadow grassland near ancient woodland; *Lejogaster splendida*, an uncommon fly with mainly a coastal distribution in Britain, I found near Fairmead Pond

and after 12 years recording *Pyrophaena granditarsa* finally turned up, two females being swept from a small patch of grassland with buttercups bordering a ride by Hawkwood.

These recent records bring the Epping Forest area list of hoverflies to 129 species with 122 now being known from Epping Forest sensu stricto.

I would like to thank Mr S. J. Falk of the Nature Conservancy Council for confirming my determination of *Epistrophe diaphana*.

A number of records have been contributed by John Bratton formerly of Epping Forest Conservation Centre now at the Nature Conservancy Council Headquarters, Peterborough. R. G. Payne also helped with research for this paper. Some of the locations mentioned below are not located on the map in the 1985 paper and I have included a 4- or 6-figure Ordnance Survey grid reference to locate the records. The species listed below under the families Asilidae, Acroceridae, Syrphidae and Conopidae were all taken at locations within Epping Forest sensu stricto. The record of *Sphegina clunipes* Fall. (see 1985 paper) taken by A. A. Allen at The Wake Valley is an error. It has been found to be a specimen of *S. kimakowiczi* Strobl. (see *Ent. Record J. Var.* 99: 250 24.x.1987). The record of *Asilus crabroniformis* L. (see 1985 paper) refers to a specimen taken in the Forest near Baldwins Hill, Loughton on 8.x.1949 (R. M. Payne, card index).

Stratiomyidae. *Chloromyia formosa* (Scop.) Cornmill Stream, 25.vi.83 (R.G.P.). *Choristops nagatomii* (Roz.) Roding Valley, Loughton, (TQ 4395) 17.viii.85 (M.H.). *Odontomyia tigrina* (F.) Leyton Flats, Epping Forest, (TQ 393888) 17.vi.89 (M.H.). *Oxycera pulchella* Meig. Cornmill Stream, 20.vii.86 (M.H.). *Oxycera trilineata* (F.) Cornmill Stream, 20.vii.86 (M.H.). *Stratiomys potamida* (Meig.) Cornmill Stream, 20.vii.85 (J.B.) and seen here again on 20.vii.86 (M.H.)

Rhagionidae. *Chrysopilus aureus* (Meig.) Coopersale Common, Epping, (TL 4802) 31.vii.85 (M.H.).

Tabanidae. *Chrysops relictus* Meig. Cornmill Stream, 20.vii.86 (M.H.). *Haematopota pluvialis* (L.) Cornmill Stream, 26.vii.86 (M.H.). *Hybomitra bimaculata* (Macq.) Galleyhill Wood, Waltham Abbey, (TL 3903) 20.vii.86 (M.H.). *Tabanus autumnalis* L. Cornmill Stream, 26.vii.86 (M.H.).

Asilidae. *Dioctria atricapilla* (Meig.) Wanstead Flats, (TQ 405867) 17.vi.89 (M.H.). *Neotamius cyanurus* (Loew) Thames Valley Bog, (TL 4300) 15.ix.85 (J.B.).

Acroceridae. *Ogcodes pallipes* Lat. Long Running, (TQ 4399) 21.vii.85 (J.B.).

Syrphidae. *Cheilosia scutellata* (Fall.) Thornwood, (TL 473043) 19.vii.89 (M.H.). *Criorhina berberina* (F.) Wanstead Park, (TQ 4287) 15.v.85 (J.B.). *Epistrophe diaphana* (Zett.) Yardley Hill, (TQ 382957) 18.vi.89 (M.H.). *Epistrophe grossulariae* (Meig.) Wanstead Park, (TQ 413873) 5.viii.89 (M.H.). *Ferdinandea cuprea* (Scop.) Wanstead Park, (TQ 413873) 5.viii.89 (M.H.). *Lejogaster splendida* (Meig.) Fairmead Bottom, (TQ 4096) 2.vii.85 (M.H.). *Paragus* sp. Wanstead Flats (TQ 405867) 17.vi.89 and Woodford Golf Course (TQ 3992) 24.vi.89. Both specimens are female. It is not possible to determine the species (M.H.). *Pyrophaena granditarsa* (Forst.) Hawkwood, (TQ 386957) 18.vi.89 (M.H.). *Sericomyia silentis* (Har.) Strawberry Hill, (TQ 4196) 18.viii.85 (M.H.). *Sphegina kimakowiczi* Strobl. Hawkwood, (TQ 386957) 18.vi.89 (M.H.). *Volucella inanis* (L.) Near Hatch Grove, (TQ 395933) 15.vii.89 (M.H.). *Volucella zonaria* (Poda) Honey Lane Plain, (TQ 4199) 5.viii.85 (J.B.), Near Hatch Grove, (TQ 395933) 15.vii.89 (M.H.).

Conopidae. *Conops flavipes* L. Near Hatch Grove, (TQ 395933) 15.vii.89 (M.H.). *Sicus ferrugineus* (L.) Hawkwood, (TQ 386957) 18.vi.89 (M.H.), Near Hatch Grove, (TQ 395933) 15.vii.89 (M.H.).

M. W. Hanson, 28 Sylvan Road, Forest Gate, London E7 8BN.